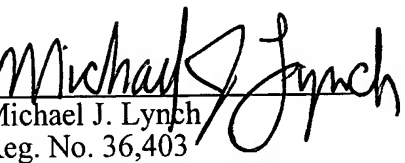
REMARKS

The present amendments are made to cancel claims 1-29. This leaves original claims 30-37, which were restricted, and not elected, in the parent application. Applicants respectfully request entry of the present amendments prior to examination. Submitted herewith is a VERSION WITH MARKINGS TO SHOW CHANGES MADE. Please charge any fees to deposit account 50-1983.

Respectfully submitted,

September 29, 2003
Date



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the Claims:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Cancelled)
23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Original) A mold for forming a conduit for use in placing a target vessel of a patient's vascular system in fluid communication with a heart chamber containing blood, the mold comprising:

a base defining a mold cavity;

wherein the mold cavity has first and second portions configured to form a conduit including first and second portions;

wherein the first and second portions of the mold cavity are disposed transverse to each other to form a conduit with first and second conduit portions in fluid communication with each other and adapted to place the lumen of a target vessel in fluid communication with a heart chamber containing blood.

31. (Original) The mold of claim 30, wherein the first and second portions of the mold cavity define a T-shaped conduit.

32. (Original) The mold of claim 30, in combination with a mandrel having first and second portions substantially corresponding to the first and second portions of the conduit and the mold cavity.

33. (Original) A method for manufacturing a blood delivery conduit for use in placing a target vessel of a patient's vascular system in fluid communication with a source of blood, the method comprising steps of:

(a) providing first and second hollow members each of which has a lumen;

(b) forming an opening that extends into the lumen of the first hollow member;

(c) positioning one of the first and second ends of the second hollow member adjacent the opening in the first hollow member; and

(d) joining the one end of the second hollow member to the first hollow member with the lumens of the first and second hollow members sealed together in fluid communication.

34. (Original) The method of claim 33, wherein the first and second hollow members are formed of a synthetic vascular graft material selected from the group consisting of polytetrafluoroethylene, expanded polytetrafluoroethylene, Dacron□ (polyethylene terephthalate) and polyurethane (polyester and polycarbonate types).

35. (Original) The method of claim 34, further comprising providing the first and second hollow members with a support structure to add rigidity to the members.

36. (Original) The method of claim 35, wherein the support structure comprises a coating disposed on at least one of the first and second hollow members.

37. (Original) The method of claim 33, wherein each of the first and second hollow members has first and second ends, and the opening is located between the first and second ends of the first hollow member.